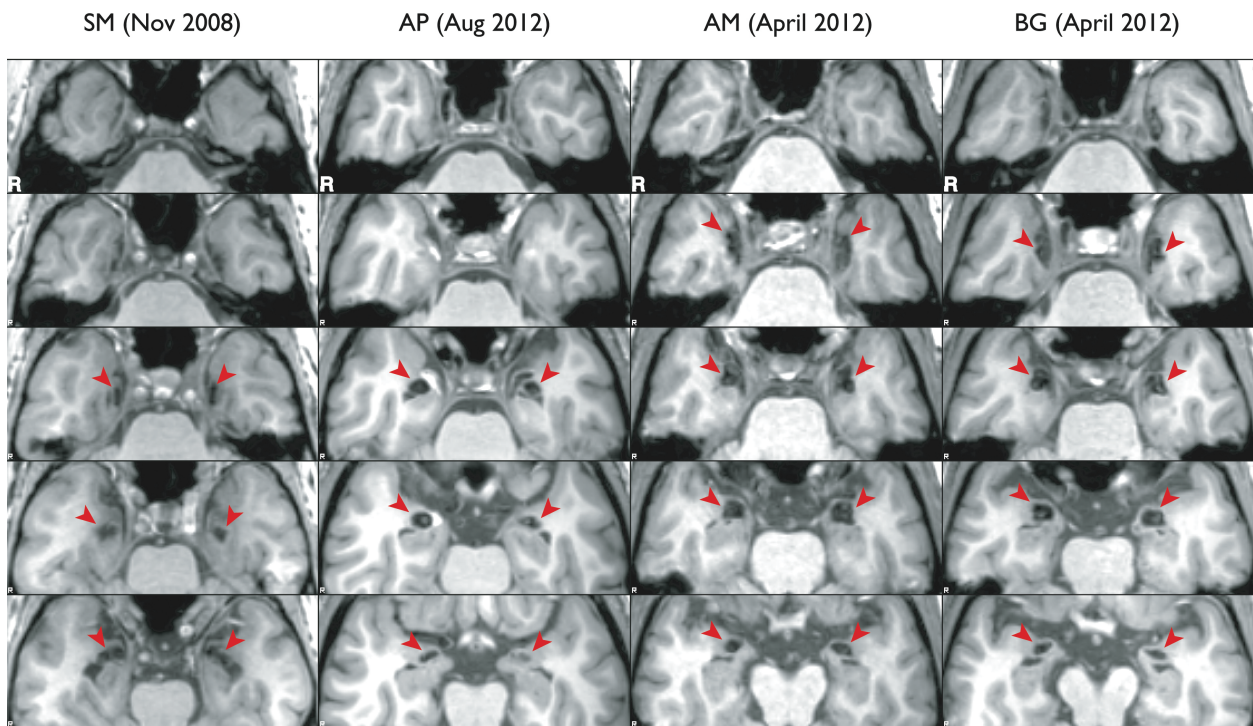


Supplementary Material

Supplementary Figure

Supplementary Figure 1



Supplementary Fig. 1. MRI anatomical scans of the amygdala lesions. Displayed are high-resolution (0.5-1 mm isotropic) coronal T1-weighted magnetic resonance imaging sections of the anterior medial temporal lobes. Red arrows index the focal bilateral amygdala calcification damage. R: right.

Supplementary Table 1. List of subject demographics and psychological evaluation.

Intelligence was measured by the Wechsler Abbreviated Scale of Intelligence (WASI). SM's IQ was measured by the Wechsler Adult Intelligence Scale (WAIS-III). AM and BG's IQ was measured by the HAWIE-R ('Hamburg-Wechsler Intelligenztest für Erwachsene in revidierter Fassung'), a German-language adaptation of the WAIS-R (Wechsler Intelligence Test for Adults-Revised), which provides a measure of verbal, performance, and full-scale IQ.

Abbreviations: Age: age at testing. Hand: Dominant handedness (A: ambidextrous, L: left, R: right); Benton: Benton Facial Recognition Test, long form score. Benton scores 41-54 are in the normal range. WASI: IQ scores from the Wechsler Abbreviated Scale of Intelligence: full scale IQ (FSIQ), performance IQ (PIQ), verbal IQ (VIQ). n/a: not available.

Subjects were tested individually. The four amygdala patients do not differ in age from the controls (amygdala patient mean age=36.5 years, range 27-43; control mean age=35.7 years, range 23-57; t-test $p=0.89$). SM's IQ was measured by WAIS-III. The rest of the subjects were measured by WASI. The mean IQ of the other three amygdala patients was 98.3 (range 96-101), not different from that of their controls (mean IQ=104.7, range 100-116; $p=0.13$).

ID	Age	Sex	Hand	Race	Education	Benton	WASI		
							FSIQ	PIQ	VIQ
SM	43	F	R	Caucasian	High School	45	88	95	86
AP	27	F	R	Asian	Bachelor's Degree	50	98	106	92
AM	38	F	A	Caucasian	13 years of education in Germany	36	101	103	99

ID	Age	Sex	Hand	Race	Education	Benton	WASI		
							FSIQ	PIQ	VIQ
BG	38	F	R	Caucasian	13 years of education in Germany	41	96	97	94
RA0067	57	F	R	African American	Some College	54	104	n/a	n/a
RA0071	45	F	R	Caucasian	Some College	49	111	103	117
RA0629	32	F	A	Caucasian	Some College	n/a	n/a	n/a	n/a
RA0633	27	F	R	Asian	Bachelor's Degree	n/a	n/a	n/a	n/a
RA0762	23	F	A	Hispanic	Some College	50	100	105	95
RA0764	31	F	R	Caucasian	Master's Degree	n/a	102	103	101
RA0829	29	F	R	Caucasian	Bachelor's Degree	n/a	116	111	116
RA0835	38	F	R	Hispanic	Bachelor's Degree	49	102	99	104
RA0848	40	F	R	Caucasian	High School	n/a	101	104	98
RA0851	35	F	R	Caucasian	Bachelor's Degree	n/a	107	103	108